

Abstract

An apparatus for filling a cartridge with a liquid comprises, a platform on which the cartridge is supported and which can be lifted relative to a stationary filling needle (5) so that this filling
5 needle is moved into the cartridge (6), a pump (1) feeding liquid through the filling needle (5) into the cartridge (6), a sensor head (10) from which a beam of light is sent from one side of the cartridge to the other along a path immediately over an upper edge of the cartridge (6), and a reflector (11) reflecting the light beam back to the sensor head (10), which is
10 connected to a sensor box (12) which produces a signal stopping the pump (1) and causing the needle (5) to be drawn out of the cartridge (6) when this cartridge is full and the liquid forms a droplet over the opening of the cartridge, which droplet deflects the light beam.